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18351 U.S. PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

Docket No: CA920030052US1
Date: 2/19/2004

17302 U.S. PTO
10/782501

021904

Sir:

Transmitted herewith for filing is the patent application of Inventor(s): **SEAN S. ZHOU,**
EMAD E. MUHANNA, SONG GUAN, MIKITO HIROTA

For: FILE TRANSLATION

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION
ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are also:

- ☒ 11 Pages of Specification including an Abstract
☒ 4 Pages of Claims
☒ 5 Sheet(s) of Drawings
☒ A Declaration and Power of Attorney
☒ Form PTO 1595 and assignment of the invention to IBM Corporation
☒ Certified Copy of CANADA Patent 2433512 dated JUNE 26, 2003.
☒ Information Disclosure Statement, PTO 1449 and copies of 4 references

	Number		Number				Basic Fee
FOR	Filed		Extra		Rate		\$770.00
Total Claims	22	-20 =	2	X	\$18	=	\$36.00
Independent Claims	4	-3 =	1	X	\$86	=	\$86.00
Multiple Dependent Claims				X	\$290	=	\$0.00
Total Filing Fee							\$892.00

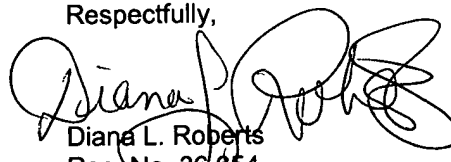
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☒ Any additional filing fees required under 37CFR § 1.16.

☒ Any patent application processing fees under 37CFR § 1.17.

Respectfully,


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